

Title (en)

PAINT DRYING DEVICE AND PAINT DRYING METHOD

Title (de)

LACKTROCKNUNGSVORRICHTUNG UND LACKTROCKNUNGSVERFAHREN

Title (fr)

DISPOSITIF DE SÉCHAGE DE PEINTURE ET PROCÉDÉ DE SÉCHAGE DE PEINTURE

Publication

EP 3252411 A1 20171206 (EN)

Application

EP 15879864 A 20150126

Priority

JP 2015051996 W 20150126

Abstract (en)

A paint baking oven (1) is provided which comprises an oven body (10) and a hot air supplier (20) that supplies hot air into the oven body. The paint baking oven bakes a wet coating applied to a vehicle body (B) while conveying the vehicle body. The vehicle body includes a body exterior part and a narrow portion (N1, N2). The oven body (10) is configured to include a spot baking region (122) in which the hot air is blown primarily toward the narrow portion to locally bake a coating film applied to the narrow portion.

IPC 8 full level

F26B 21/00 (2006.01); **B05B 9/04** (2006.01); **B05B 16/00** (2018.01); **B05B 16/20** (2018.01); **B05D 3/02** (2006.01); **B05D 7/14** (2006.01); **F26B 15/14** (2006.01)

CPC (source: EP KR RU US)

B05B 9/03 (2013.01 - US); **B05B 9/04** (2013.01 - EP US); **B05B 12/122** (2013.01 - KR); **B05B 16/20** (2018.01 - KR); **B05B 16/90** (2018.01 - KR); **B05D 3/02** (2013.01 - EP US); **B05D 3/0254** (2013.01 - US); **B05D 3/0413** (2013.01 - KR); **B05D 7/14** (2013.01 - EP US); **F26B 3/04** (2013.01 - RU); **F26B 15/12** (2013.01 - KR RU US); **F26B 15/14** (2013.01 - EP US); **F26B 21/004** (2013.01 - EP US); **F26B 21/10** (2013.01 - US); **F26B 25/06** (2013.01 - US); **F26B 2210/12** (2013.01 - EP US)

Cited by

CN110216036A; US2018172347A1; US10378819B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3252411 A1 20171206; **EP 3252411 A4 20171206**; **EP 3252411 B1 20210602**; BR 112017014954 A2 20180313; BR 112017014954 B1 20221108; CN 107208969 A 20170926; CN 107208969 B 20201201; JP 6424903 B2 20181128; JP WO2016120967 A1 20171102; KR 102036423 B1 20191024; KR 20170099404 A 20170831; MX 2017009263 A 20171011; MY 186755 A 20210818; RU 2667556 C1 20180921; US 10443937 B2 20191015; US 2017370645 A1 20171228; WO 2016120967 A1 20160804

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